

Motors/Pumps/VFD Incentive Application for Business Customers

A Cash Incentive Energy Efficiency Program brought to you by:



Instructions for Use:

For complete instructions, please refer to the Terms and Conditions on page 2.

Step 1: Determine Eligibility. Equipment must be new and installed in a business. Only new products which are exact product types listed in this application form are eligible for prescriptive incentives described in this application. If the potential incentive is greater than \$10,000, pre-approval from the participating utility is required. Contact the utility to get pre-approval.

Step 2: Install Equipment. New equipment must be installed and old equipment properly removed and disposed of. Old equipment must not be installed elsewhere.

Step 3: Complete and sign the application. Complete the application and attach copies of all project invoices, including labor costs. Include manufacturer (OEM) specification sheets for all equipment to be rebated.

Step 4: Submit completed application. A completed application and all supporting documents must be received by The Utility within 60 days of installation. Incomplete applications will cause delays in payment or denial of the application. Mail, fax, or e-mail the application and all supporting documentation to:

Rock Rapids Municipal Utilities
310 S Third Ave
Rock Rapids, IA 51246
Phone: (712) 472-2511
Fax: (712) 472-2512



Please note: Rock Rapids Municipal Utilities and its supplemental power supplier, Missouri River Energy Services, are offering this Bright Energy Solutions Program. Rock Rapids Municipal Utilities and Missouri River Energy Services together will be referred to as "The Utility" throughout this document.

Please visit www.brightenergysolutions.com for more information about the Bright Energy SolutionsSM Programs.

ELIGIBILITY:

- These incentives are offered by Missouri River Energy Services and its participating members. For questions regarding eligibility, call your local utility listed on the cover page of this application.
- Commercial, industrial, and governmental customers who purchase electricity from The Utility are eligible to participate in the Bright Energy SolutionsSM Motors/Pumps/VFD Incentive Program. Eligible equipment must be connected to an electric service billed under a commercial or industrial rate class by The Utility.
- This program is applicable only to equipment that meets the detailed equipment specifications and requirements described in this application. The Utility will determine, in its discretion, whether such specifications and requirements are satisfied.
- Customers may not receive more than one incentive for each piece of equipment installed under this program or any combination of Bright Energy SolutionsSM programs.

TERMS AND CONDITIONS:

1. **Incentive Offer:** Projects, including all required installation, must be completed by December 31, 2010. A signed application and itemized invoices for materials and labor must be submitted to the participating utility at the address located on the cover page of this application **within 60 calendar days of project completion**. Please keep a copy for your records.
2. **Proof of Purchase:** This application must have complete information and be submitted with an **invoice(s) itemizing the new equipment purchased and labor costs**. The invoice(s) must indicate date of purchase, size, type, make, model and total project cost. Manufacturer (OEM) specification sheets must also be included.
3. **Compliance:**
 - a) All projects must comply with federal, state, and local codes.
 - b) All equipment must be new or retrofitted with new components per the program specifications. Used or rebuilt equipment is not eligible for incentives. Existing equipment must be removed and properly disposed of.
 - c) Equipment must meet specification requirements and be purchased, installed and operating prior to submitting an incentive application.
 - d) Customers may only receive one incentive per piece of qualifying equipment, except where noted.
 - e) All projects for which more than \$10,000 in incentive payments are sought must be approved by The Utility prior to the commencement of the project. Receipt of pre-approval does not guarantee incentive payments will be made. Incentive payments will be made only upon the customer's satisfaction of all terms and conditions of this program.
 - f) All terms and conditions of this application must be satisfied by the customer.
4. **Payment:** Once completed paperwork is submitted, incentive payments are usually made within 4-8 weeks. Incomplete applications will either delay payments or be denied. The Utility reserves the right to refuse payment and participation if the customer or the customer's contractor violates program rules and procedures.
5. **Inspection:** The Utility may conduct an inspection of the customer's facility to survey any installed projects. All projects exceeding \$10,000 of incentives will be inspected prior to incentive payment. The Utility may inspect customer records relating to incentives sought by the customer.
6. **Information Sharing:** The Utility reserves the right to publicize your participation in this program, unless you specifically request otherwise in writing. Information contained in this application may be shared with state boards, commissions, departments, and other Bright Energy SolutionsSM participating utilities.
7. **Program Discretion:** Incentives are available on a first-come, first-served basis. This program and its incentive amounts are subject to change or termination without notice at the discretion of The Utility. Neither pre-approval of a project, nor any other action by The Utility, will entitle a customer to an incentive payment until the application is finally approved by The Utility.
8. **Logo Use:** Customers or trade allies may not use the name or logo of Bright Energy SolutionsSM, The Utility, or any other participating utility in any marketing, advertising, or promotional material without written permission.
9. **Disclaimers:** The Utility
 - a) does not endorse any particular manufacturer, product, labor or system design by offering these programs;
 - b) will not be responsible for any tax liability imposed on the customer as a result of the payment of incentives;
 - c) does not expressly or implicitly warrant the installation or performance of installed equipment or any contractor's quality of work (contact the equipment manufacturer or contractor for warranties);
 - d) is not responsible for the proper disposal/recycling of any waste generated as a result of this project;
 - e) is not liable for any damage, injury, or loss of life arising from or relating to the removal, installation, or operation of any equipment, or any other action taken by the customer or The Utility, in connection with a project undertaken by the customer under the programs described in this application;
 - f) does not guarantee that a specific level of energy or cost savings will result from the implementation of energy efficiency measures or the use of products funded under this program.

INCENTIVE LIMIT:

- Eligible customers may purchase and install qualifying equipment and receive an energy efficiency incentive of up to \$100,000 per customer, per calendar year. Payments for larger incentives may be allowed at the discretion of The Utility.
- An incentive exceeding \$10,000 must receive written approval from The Utility BEFORE project commencement.
- Total incentive will not exceed 75 percent of the project cost, including installation. If self installed, incentives for items of equipment can be up to the purchase price of a specific item, but shall not exceed the Bright Energy SolutionsSM incentives set by Missouri River Energy Services.
- Incentives for particular items of equipment and/or systems are limited as set forth in this application.

Customer Information (Please Print)			
Company Name	Contact Name		Installation Date
Mailing Address	City	State	ZIP Code
Installation Address	City	State	ZIP Code
Phone	Installation (Completion) Date	Facility Sq. Footage	
Email Address (By providing your email address, you are granting the Utility permission to send emails regarding this project or updates on our incentive programs.)	Building Use – Please Check One:		
	<input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> 24-hour Facility <input type="checkbox"/> Warehouse <input type="checkbox"/> Restaurant <input type="checkbox"/> Lodging <input type="checkbox"/> Grocery/Supermarket <input type="checkbox"/> Manufacturing		
Municipality Utility Name & Account Number	School: <input type="checkbox"/> Elementary/Secondary <input type="checkbox"/> College Healthcare: <input type="checkbox"/> Clinic <input type="checkbox"/> Hospital <input type="checkbox"/> Other/Miscellaneous: _____		
How did you learn about the program? <input type="checkbox"/> My Utility <input type="checkbox"/> Contractor/Supplier <input type="checkbox"/> Community Event <input type="checkbox"/> Mailing <input type="checkbox"/> Bill insert <input type="checkbox"/> Other: _____			
Facility Hours of Operation			
Hours per Day	Days per Week	Weeks per Year	Hours per Year (hours x days x weeks)

Vendor/Contractor Information			
Company Name	Contact Name		Phone
Address	City	State	ZIP Code
Fax	Email Address (By providing the vendor's email address, you are granting The Utility permission to send emails regarding this project or updates on our incentive program.)		

Payment Information			
Please process payment to: <input type="checkbox"/> Customer (listed above) <input type="checkbox"/> Vendor/Contractor (listed above) <input type="checkbox"/> Alternative Recipient			
<i>If payment is to be made to an Alternative Recipient, please complete the remainder of this section:</i>			
Company Name	Contact Name		Phone
Address	City	State	ZIP

Equipment Information

A. NEMA Premium® Three Phase Electric Motors

This project is (check one): Maximizing Efficiency by Replacing Failed Motors Instead of Rewinding Replacing Failed Motors – Rewinding Not Considered
 Replacing Working Motors to Increase Efficiency New Installation

Motor	Make/Model or Catalog #	Qty	Type	RPM	Incentive	HP	Installed Nominal Efficiency*	Annual Operating HRS (Minimum of 1500)	Date Installed and Operable (mm/yy)	Total Incentive
1– 5 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$15.00/HP		%	Hrs.		
7.5–20 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$10.00 /HP		%	Hrs.		
25-100 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$5.00/HP		%	Hrs.		
125-200HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$4.00/HP		%	Hrs.		

Subtotal Section A: \$

PLEASE ATTACH THE FOLLOWING REQUIRED DOCUMENTS:

- 1) Motor specification sheet or catalog page clearing showing that the motor is NEMA Premium® labled or that the motor meets NEMA Premium® efficiency requirements.
- 2) Invoice clearly showing proof of purchase including date purchased, model numbers, horsepower and cost. If contractor installed, please include installation date, address and total project cost.

- Motors and pumps must be set to operate a minimum of 1500 hours annually to be eligible.
 - Replaced motors shall be disposed of or recycled (not to be resold, rewound or installed at another location).
 - Qualifying motors must be single-speed, three phase, open drip-proof (ODP) or totally enclosed fan cooled (TEFC), 1 to 200 horsepower, squirrel cage induction motors, NEMA Premium® Design A or B, continuous rated, with nominal speeds of 1200, 1800, or 3600 RPM.
 - Maximum incentive cannot exceed 75% of the total project cost including installation.
- *Qualifying motors must meet or exceed efficiency levels of the NEMA Premium® Motor Program. The minimum nominal efficiency levels required are shown in the motor table on Page 7 of this document and can be found at www.nema.org.

B. High-Efficiency Pumps (See Page 7 for Required Efficiency Levels)

The equipment below is (check one): New Equipment Retrofit Equipment Replace Failed Equipment

Pump HP	Make/Model or Catalog	Qty	Incentive per Pump*	Installed Nominal Efficiency** (pump curve)	Annual Operating Hrs (Minimum of 1500)	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$ 60.00	%	Hrs.		
2 HP			\$ 70.00	%	Hrs.		
3 HP			\$ 100.00	%	Hrs.		
5 HP			\$ 100.00	%	Hrs.		
7.5 HP			\$ 200.00	%	Hrs.		
10 HP			\$ 260.00	%	Hrs.		
15 HP			\$ 300.00	%	Hrs.		
20 HP			\$ 400.00	%	Hrs.		

Subtotal Section B: \$

PLEASE ATTACH THE FOLLOWING REQUIRED DOCUMENTS:

- 1) Pump curves with motor operating points clearly marked.
- 2) Invoice clearly showing proof of purchase including date purchased, model numbers, horsepower and cost. If contractor installed, please include installation date, address and total project cost.

- Pump efficiency is based on the pump curve for specific installation. Documentation of the pump curve is required to receive an incentive.
- Pumps must be set to operate a minimum of 1500 hours annually to be eligible.
- Additional incentives for the use of a NEMA Premium® Motor and / or a variable frequency drive in combination with the pump are offered in Section A and Section C of this application form.

*Maximum incentive cannot exceed 75% of the total project cost including installation.

** See page 7 for pump efficiency requirements.

C. Variable Frequency Drives (VFD's) on HVAC Fans, HVAC Pumps and Process Pumps							
The equipment below is (check one): <input type="checkbox"/> New Equipment <input type="checkbox"/> Add VFD to Existing Equipment VFD's used to replace existing or failed VFD's do not qualify for incentives.							
VFD Used to Control (Check One)	VFD Motor Horsepower*	Make/Model or Catalog #	Qty	Incentive*	Annual Operating Hrs (Minimum of 1500)	Date Installed & Operable (mm/yy)	Total Incentive
<input type="checkbox"/> Process Pump <input type="checkbox"/> HVAC Pump <input type="checkbox"/> HVAC Fan				\$40.00/hp			
<input type="checkbox"/> Process Pump <input type="checkbox"/> HVAC Pump <input type="checkbox"/> HVAC Fan				\$40.00/hp			
<input type="checkbox"/> Process Pump <input type="checkbox"/> HVAC Pump <input type="checkbox"/> HVAC Fan				\$40.00/hp			
<input type="checkbox"/> Process Pump <input type="checkbox"/> HVAC Pump <input type="checkbox"/> HVAC Fan				\$40.00/hp			
Subtotal Section C:							\$
PLEASE ATTACH THE FOLLOWING REQUIRED DOCUMENTS:							
1) Invoice clearly showing proof of purchase including date purchased, model numbers and cost. If contractor installed, please include installation date, address and total project cost.							
<ul style="list-style-type: none"> • VFD's used to replace existing or failed VFD's do not qualify for incentives. • This incentive is for VFD's used on process pumps, HVAC pumps and HVAC fans only. <ul style="list-style-type: none"> ○ Examples include VFD's used to control the following: HVAC fans, boiler draft fans, cooling tower fans, chilled water distribution pumps, and hot water distribution pumps. • <u>HVAC FANS.</u> Incentives for VFD's used to control HVAC fans are only offered for VFD's installed on existing HVAC fans up to 400 horsepower. Incentives are not offered for VFD's on new installations of HVAC fans. • <u>HVAC PUMPS.</u> Incentives for VFD's used to control HVAC pumps are limited to the following horsepower ranges: <ul style="list-style-type: none"> ○ For new HVAC pumps - only VFD's used to control motors 1 through 50 horsepower are eligible. ○ For existing HVAC pumps - only VFD's added to control motors 1 through 400 horsepower are eligible. • <u>PROCESS PUMPS.</u> Incentives for VFD's used to control process pumps are limited to the following horsepower ranges: <ul style="list-style-type: none"> ○ For new process pumps - only VFD's used to control motors 1 through 50 horsepower are eligible. ○ For existing process pumps - only VFD's added to control motors 1 through 400 horsepower are eligible. • VFDs must be automatically controlled by a variable signal, and have load diversity that will result in savings through motor speed variation. • The motor controlled must be set to operate a minimum of 1500 hours annually to be eligible for incentive. Redundant or backup units do not qualify. • Qualifying projects must have a true power factor of 90% or greater and should include a line reactor between the power source and the drive with a reactor rating of not less than 3% impedance of the VFD rating. <p>* Maximum incentive cannot exceed 75% of the total project cost including installation.</p>							

Summary of Incentives	
Subtotal Section A: NEMA Premium® Three Phase Electric Motors	\$
Subtotal Section B: High-Efficiency Pumps	\$
Subtotal Section C: Variable Frequency Drives	\$
Total Incentive:	\$

NEMA Premium® Motor Nominal Efficiency Requirements

(HP)	Open Drip-Proof (ODP) 600 volts or less (random wound)		
	NEMA Premium Efficiency		
	1200 RPM	1800 RPM	3600 RPM
1	82.5	85.5	77.0
1.5	86.5	86.5	84.0
2	87.5	86.5	85.5
3	88.5	89.5	85.5
5	89.5	89.5	86.5
7.5	90.2	91.0	88.5
10	91.7	91.7	89.5
15	91.7	93.0	90.2
20	92.4	93.0	91.0
25	93.0	93.6	91.7
30	93.6	94.1	91.7
40	94.1	94.1	92.4
50	94.1	94.5	93.0
60	94.5	95.0	93.6
75	94.5	95.0	93.6
100	95.0	95.4	93.6
125	95.0	95.4	93.6
150	95.4	95.8	95.0
200	95.4	95.8	95.0

(HP)	Totally Enclosed Fan Cooled (TEFC) 600 volts or less (random wound)		
	NEMA Premium Efficiency		
	1200 RPM	1800 RPM	3600 RPM
1	82.5	85.5	77.0
1.5	87.5	86.5	84.0
2	88.5	86.5	85.5
3	89.5	89.5	86.5
5	89.5	89.5	88.5
7.5	91.0	91.7	89.5
10	91.0	91.7	90.2
15	91.7	92.4	91.0
20	91.7	93.0	91.0
25	93.0	93.6	91.7
30	93.0	93.6	91.7
40	94.1	94.1	92.4
50	94.1	94.5	93.0
60	94.5	95.0	93.6
75	94.5	95.4	93.6
100	95.0	95.4	95.0
125	95.0	95.8	95.0
150	95.8	96.2	95.4
200	95.8	96.2	95.8

High Efficiency Pump Requirements

Horsepower	Pump Efficiency*
1.5	Efficiency of 73% or more
2	Efficiency of 73% or more
3	Efficiency of 73% or more
5	Efficiency of 73% or more
7.5	Efficiency of 73% or more
10	Efficiency of 75% or more
15	Efficiency of 77% or more
20	Efficiency of 77% or more

*Pump Efficiency represents the efficiency at the design point on the pump curve.

Certifications and Signature

I hereby certify that: 1. The information contained in this application is accurate and complete; 2. All installation is complete and the unit(s) is operational prior to submitting application; 3. All rules of this incentive program have been followed, and 4. I have read and understand the terms and conditions included with this document.

The customer agrees to verification of equipment installation which may include a site inspection by a program or utility representative. The customer understands that it is not allowed to receive more than one incentive from this program on any piece of equipment. The customer agrees to indemnify, defend, hold harmless and release The Utility from any claims, damages, liabilities, costs and expenses (including reasonable attorneys' fees) arising from or relating to the removal, disposal, installation or operation of any equipment or related materials in connection with the programs described in this application, including any incidental, special or consequential damages.

Please sign and complete all information below.

Signature	Print Name	
	Title (if applicable)	Date Submitted

Member Utility Use Only

Date Received	Pre-Inspected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Pre-Inspected: Initials:	Post-Inspected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Post-Inspected Initials:
Incentive Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	Amount :\$		Date Approved	
Utility or Program Representative				
BESTraK Control #				